

TITLE: A METHOD FOR MULTICAST SERVICE IN A CROSSBAR SWITCH INVENTOR(S): Sung Soo Park

USSN: 10/645,787

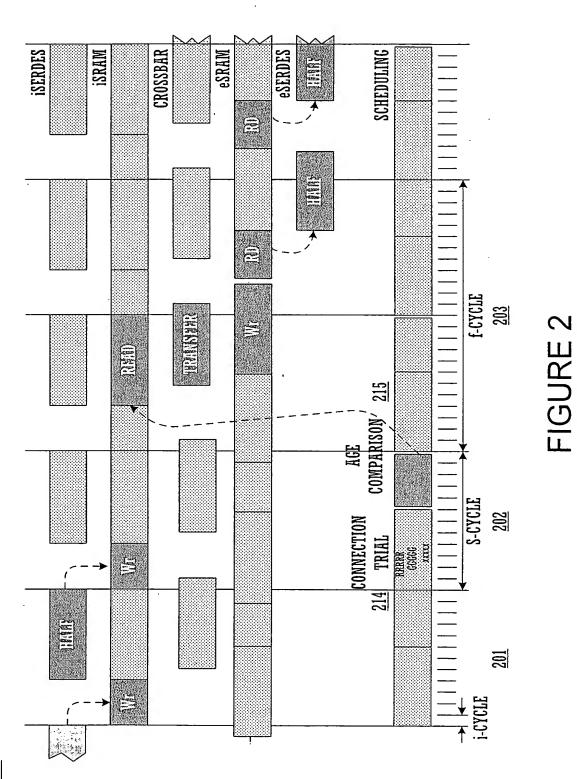
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100 INGRESS SRAM 103 DOB CONTROL UWRR/eWRR FLOW CONTROL 127 INGRESS CONTROLLER 113 AGE TAG COMP 107 **ICAN** EGRESS CONTROLLER ILE gmtGen AMOR ANAL ARK 123 EGRESS SRAM 105 125 **CROSSBAR** <u>101</u>

FIGURE 1

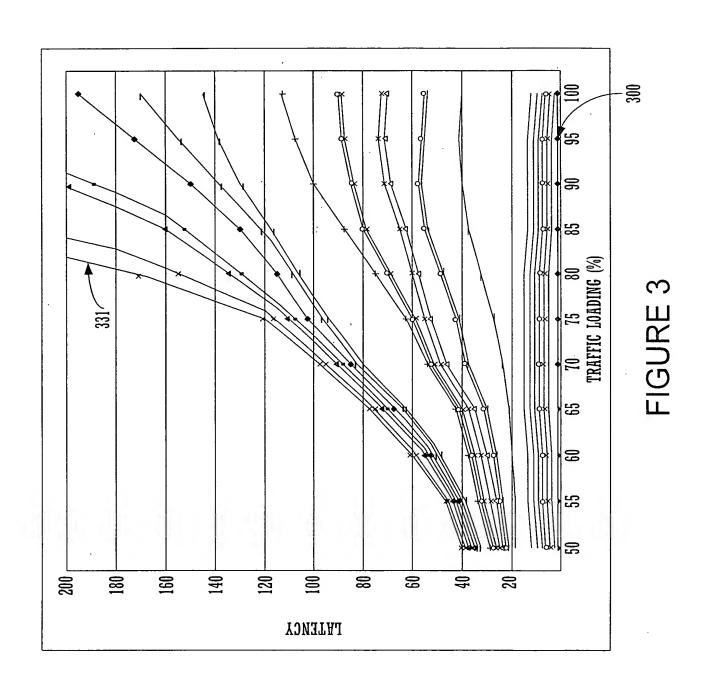
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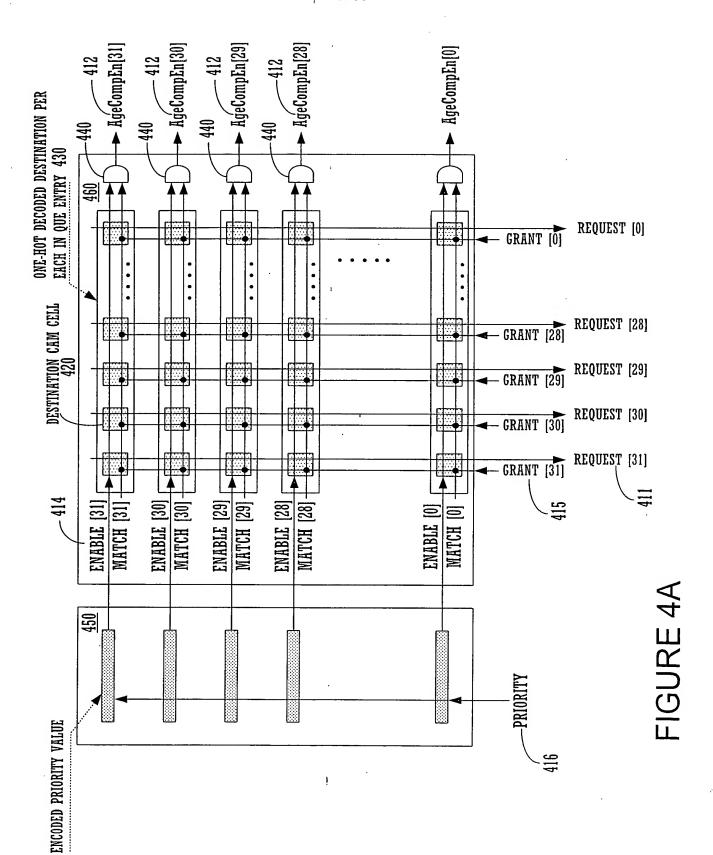
200

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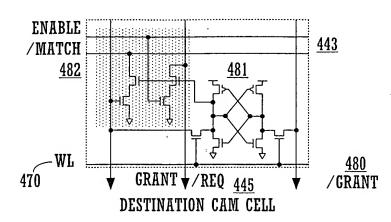
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<u>461</u>



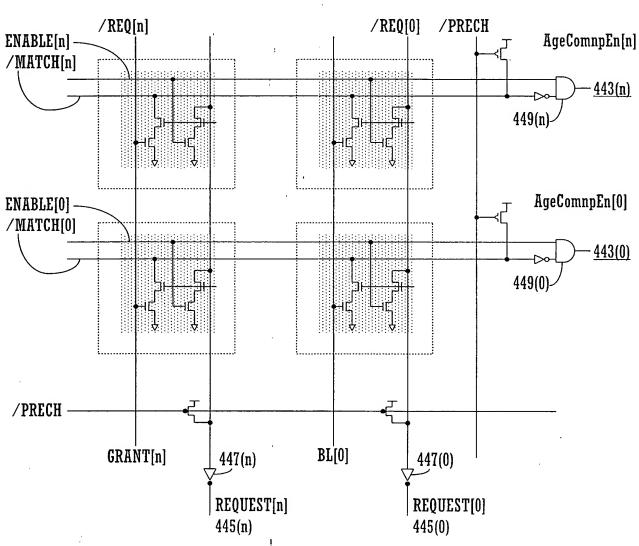
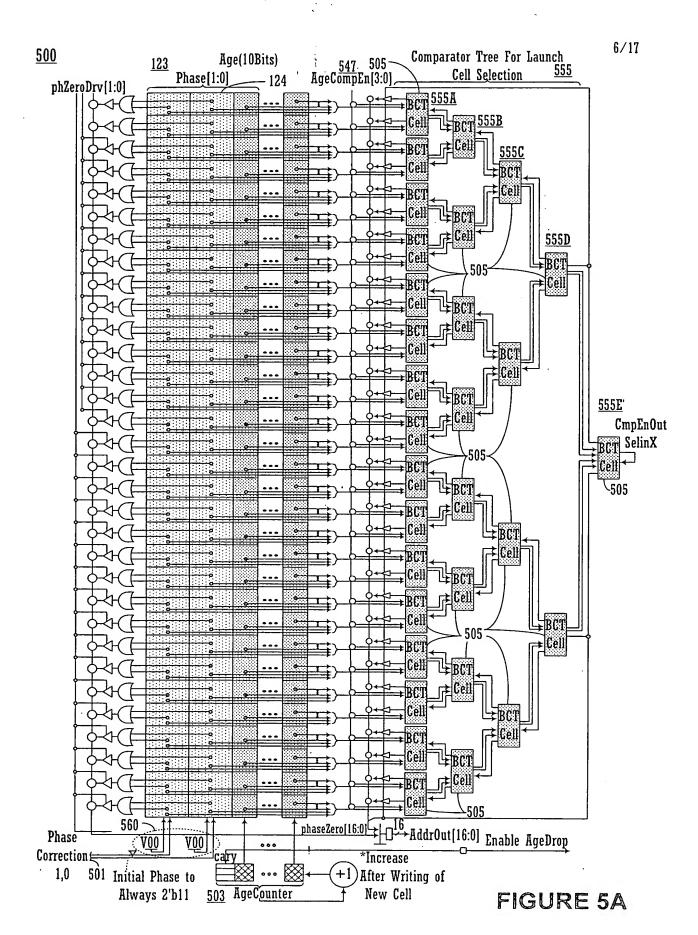


FIGURE 4B



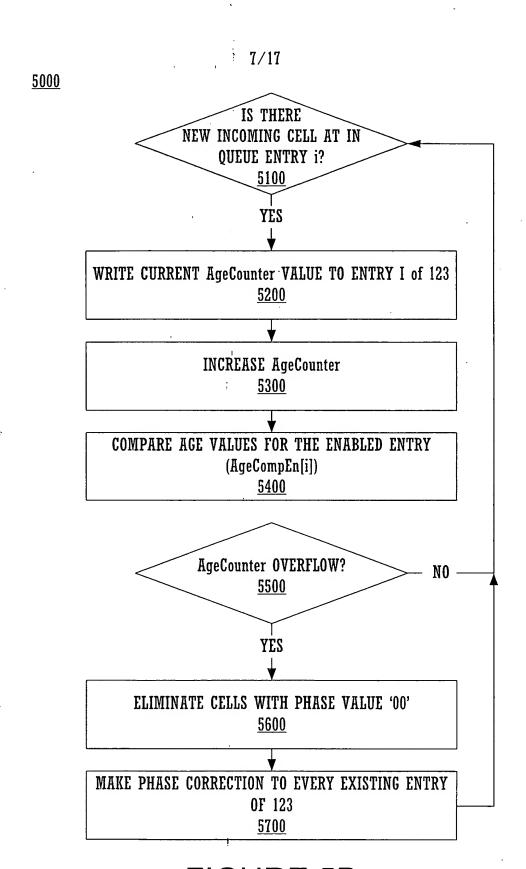
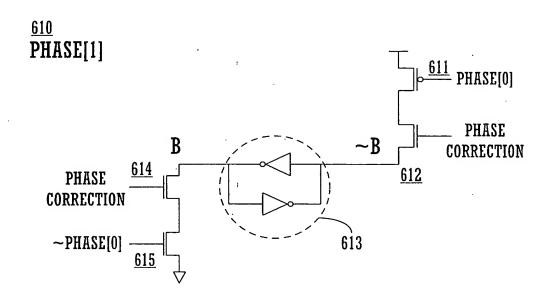
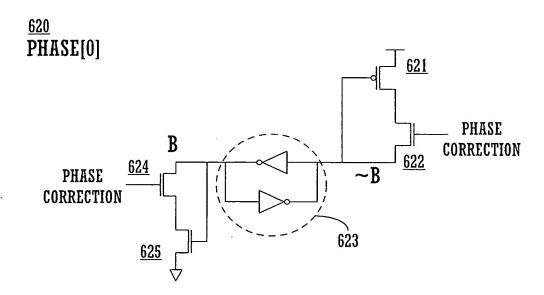


FIGURE 5B

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PHASE CELL STRUCTURE FOR THREE STEP SELF ADJUSTMENT (11---10---00---INVALIDATE)





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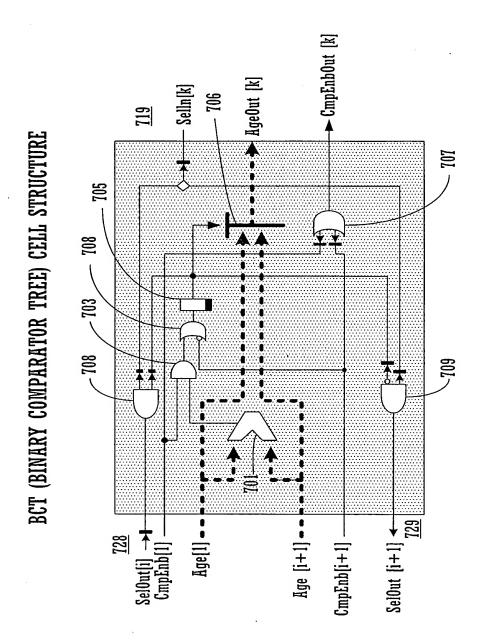
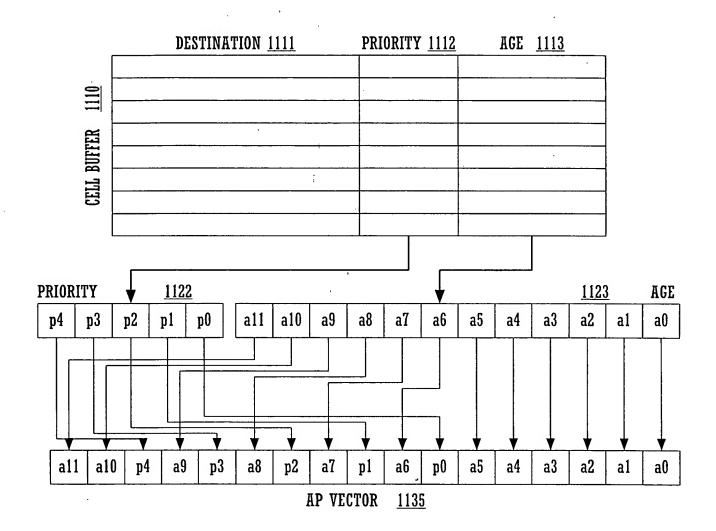


FIGURE 7

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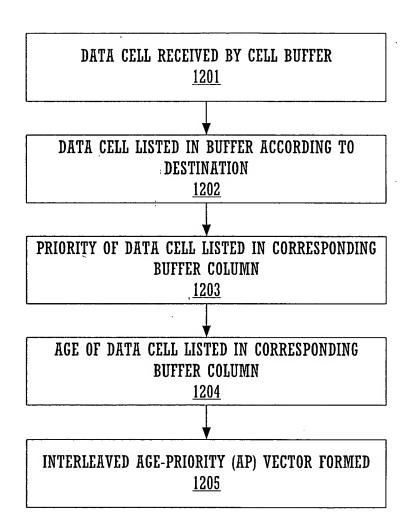
1100

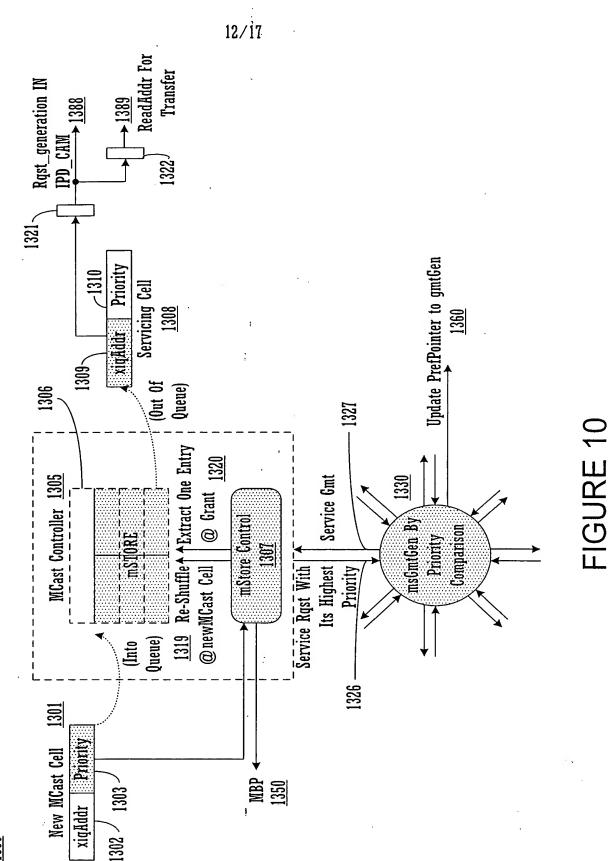
INTERLEAVED AGE-PRIORITY BASED SELECTION



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1200





1300

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1400

REQUEST MULTICAST SERVICE 1401

REQUEST GRANT ITERATION TO CONFIGURE CROSSBAR SWITCH 1402

TRANSFER MULTICAST CELL ACCORDINGLY 1403

FIGURE 11A

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<u>1450</u>

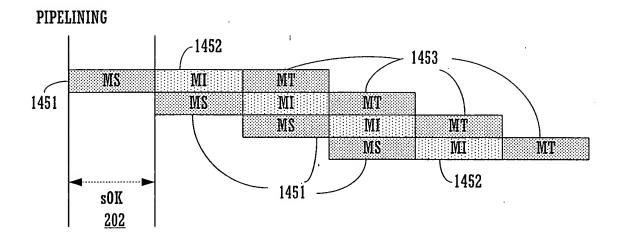
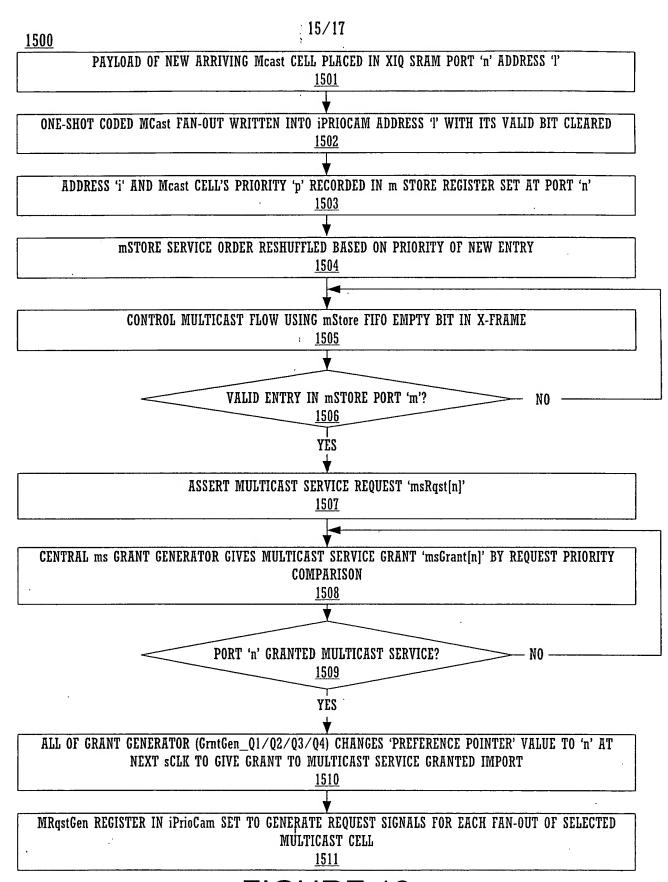


FIGURE 11B

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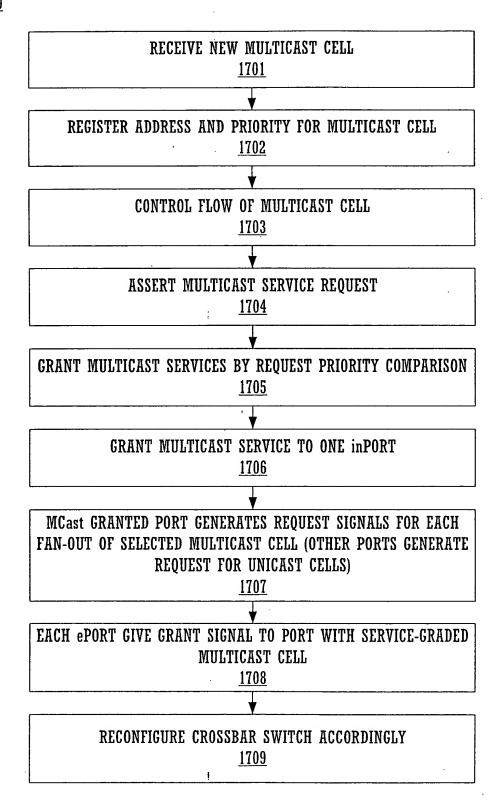
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1700



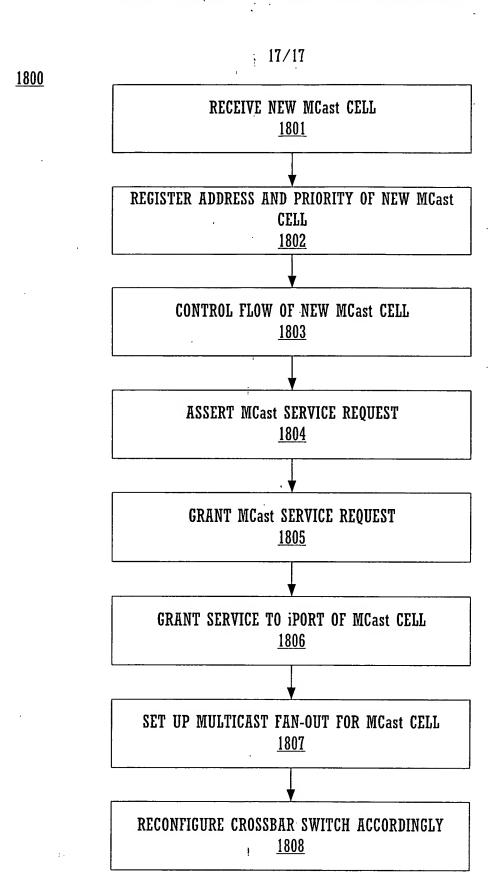


FIGURE 14